

USSN 09/928,594
Filed: August 13, 2001
Amendment and Response
Page 2 of 9

AMENDMENTS IN THE CLAIMS

1- 25. (Cancelled)

26. (Cancelled) A method for promoting healing of a wound comprising:
positioning on a first body surface an ultrasonic transducer having an operative surface in the vicinity of the wound;
emitting ultrasonic waves from the operative surface;
directing at least some of the ultrasonic waves toward a second surface of the body capable of reflecting ultrasonic waves; and
reflecting at least some of the emitted ultrasonic waves off of the second body surface and toward the wound such that at least some of the reflected ultrasonic waves contact the wound to promote healing thereof.

27. (Cancelled) The method of claim 26 wherein the second body surface comprises bone tissue.

28. (Cancelled) The method of claim 26 wherein positioning the transducer includes positioning the transducer substantially adjacent a first layer of skin and wherein the second body surface comprises a second layer of skin.

29. (Cancelled) A method for promoting healing of a wound comprising:
positioning an ultrasonic transducer having an operative surface in the vicinity of the wound, wherein the ultrasonic transducer has an axis; and
emitting ultrasonic waves from the operative surface such that at least some of the ultrasonic waves contact the wound to promote healing thereof, wherein emitting ultrasonic waves from the operative surface comprises directing the at least some of the ultrasonic waves for contacting the wound to promote healing thereof toward an area offset from the axis.

30. (Cancelled) The method of claim 29, wherein the area is offset from the axis by a predetermined angle.

31. (Cancelled) The method of claim 29, wherein the area offset from the axis contains at least a portion of the wound.

USSN 09/928,594
Filed: August 13, 2001
Amendment and Response
Page 3 of 9

32. (Cancelled) The method of claim 29, wherein the area offset from the axis contains an ultrasonic reflective material.
33. (Cancelled) The method of claim 32, wherein the ultrasonic reflective material is a bone surface.
34. (Cancelled) The method of claim 33, wherein the ultrasonic reflective material is a skin surface.
35. (Cancelled) The method of claim 33, wherein the ultrasonic reflective material is an internally disposed reflective medium.
36. (Withdrawn) A method for promoting healing of a wound associated with a patient's body comprising:
- positioning an ultrasonic transducer having an annularly-shaped operative surface in the vicinity of the wound;
 - inserting a reflecting medium into the patient's body adjacent to the wound;
 - and
 - emitting ultrasonic waves from the operative surface, such that at least some of the ultrasonic waves propagate through tissue to contact the wound, and at least some of the emitted ultrasonic waves reflect from the reflecting medium to contact an internal surface of the wound.
37. (Withdrawn) The method of claim 36, wherein positioning the transducer in the vicinity of the wound comprises substantially encircling the wound by the annularly-shaped operative surface.
38. (Withdrawn) The method of claim 36, wherein the reflecting medium comprises at least one of the following: a metallic plate, a gas filled pouch, a quasi-permanent insert, a contrast agent, bubbles in a gelatin, or an intraveneously injected substance.
39. (Withdrawn) A method for promoting healing of a wound comprising:
- positioning on a first body surface an ultrasonic transducer having an operative surface in the vicinity of the wound;

USSN 09/928,594
Filed: August 13, 2001
Amendment and Response
Page 4 of 9

emitting ultrasonic waves from the operative surface;
directing at least some of the ultrasonic waves toward a reflecting medium
inserted within the body capable of reflecting ultrasonic waves; and
reflecting at least some of the emitted ultrasonic waves off of the reflecting
medium and toward the wound such that at least some of the reflected ultrasonic
waves contact the wound to promote healing thereof.

40. (Withdrawn) The method of claim 39, wherein the reflecting medium
comprises at least one of the following: a metallic plate, a gas filled pouch, a quasi-
permanent insert, a contrast agent, bubbles in a gelatin, or an intravaneously injected
substance.

41. (New) A method for promoting healing of a wound comprising:
positioning on a first body surface an ultrasonic transducer having an operative
surface in the vicinity of the wound;

emitting ultrasonic waves from the operative surface;
directing at least some of the ultrasonic waves toward a second surface of the
body capable of reflecting ultrasonic waves; and
reflecting at least some of the emitted ultrasonic waves off of the second body
surface and toward the wound such that at least some of the reflected ultrasonic
waves contact the wound to promote healing thereof.

42. (New) The method of claim 41 wherein the second body surface comprises
bone tissue.

43. (New) The method of claim 41 wherein positioning the transducer includes
positioning the transducer substantially adjacent a first layer of skin and wherein the
second body surface comprises a second layer of skin.

44. (New) A method for promoting healing of a wound comprising:
positioning an ultrasonic transducer having an operative surface in the vicinity
of the wound, wherein the ultrasonic transducer has an axis; and

USSN 09/928,594
Filed: August 13, 2001
Amendment and Response
Page 5 of 9

emitting ultrasonic waves from the operative surface such that at least some of the ultrasonic waves contact the wound to promote healing thereof, wherein emitting ultrasonic waves from the operative surface comprises directing the at least some of the ultrasonic waves for contacting the wound to promote healing thereof toward an area offset from the axis.

45. (New) The method of claim 44, wherein the area is offset from the axis by a predetermined angle.
46. (New) The method of claim 44, wherein the area offset from the axis contains at least a portion of the wound.
47. (New) The method of claim 44, wherein the area offset from the axis contains a ultrasonic reflective material.
48. (New) The method of claim 47, wherein the ultrasonic reflective material is a bone surface.
49. (New) The method of claim 47, wherein the ultrasonic reflective material is a skin surface.
50. (New) The method of claim 47, wherein the ultrasonic reflective material is an internally disposed reflective medium.